

INDEX

ARTICLES

- ALLEN, R. G. D.: *The Work of Eugen Slutsky* 209
- ARROW, KENNETH J.: *Homogeneous Systems in Mathematical Economics: A Comment* 60
- BRUNNER, KARL: *Stock and Flow Analysis: Discussion* 247
- CHIPMAN, JOHN S.: *The Multi-Sector Multiplier* 355
- EDWARDS, EDGAR O.: *The Analysis of Output Under Discrimination* 163
- FELLNER, WILLIAM, AND HAROLD M. SOMERS: *Stock and Flow Analysis: Comment* 242
- : *Stock and Flow Analysis: Note on the Discussion* 252
- FERGUSON, A. R.: *Empirical Determination of a Multidimensional Marginal Cost Function* 217
- HAAVELMO, TRYGVE: *The Notion of Involuntary Economic Decisions* 1
- HICKMAN, W. BRADDOCK: *The Determinacy of Absolute Prices in Classical Economic Theory* 9
- HORWITZ, S. J., see MOREHOUSE 313
- KLEIN, LAWRENCE R.: *Stock and Flow Analysis in Economics* 236
- : *Stock and Flow Analysis: Further Comment* 246
- LEONTIEF, WASSILY: *The Consistency of the Classical Theory of Money and Prices* 21
- : *Joseph A. Schumpeter (1883-1950)* 103
- MARSCHAK, JACOB: *Rational Behavior, Uncertain Prospects, and Measurable Utility* 111
- MAY, KENNETH: *A Note on the Pure Theory of Production* 56
- METZLER, LLOYD A.: *A Multiple-Region Theory of Income and Trade* 329
- MOREHOUSE, N. F., R. H. STROTZ, AND S. J. HORWITZ: *An Electro-Analog Method for Investigating Problems in Economic Dynamics: Inventory Oscillations* 313
- NASH, JOHN F., JR.: *The Bargaining Problem* 155
- PHIPPS, CECIL G.: *A Note on Patinkin's "Relative Prices"* 25
- : *A Note on Tintner's "Homogeneous Systems"* 63

QUENOUILLE, M. H.: <i>An Application of Least Squares to Family Diet Surveys</i>	27
REIERSØL, OLAV: <i>Identifiability of a Linear Relationship between Variables Which Are Subject to Error</i>	375
SIMPSON, PAUL B.: <i>Risk Allowances for Price Expectations</i>	253
SOMERS, HAROLD M., <i>see</i> FELLNER.....	242, 252
STROTZ, R. H., <i>see</i> MOREHOUSE.....	313
VERHULST, MICHAEL J.: <i>The Theory of Demand Applied to the French Gas Industry</i>	45
WAUGH, FREDERICK V.: <i>Inversion of the Leontief Matrix by Power Series</i>	142
ZIFF, GEORGE KINGSLEY: <i>A Note on Brand-Names and Related Economic Phenomena</i>	260

ABSTRACTS OF PAPERS PRESENTED AT MEETINGS

Items on pages 64-87 were presented at the Colmar meeting, September 12-14, 1949; those on pages 174-205, at the Boulder meeting, August 29-September 2, 1949; and those on pages 267-309, at the New York meeting, December 27-30, 1949. Papers followed by an asterisk (*) are reported by title only, no abstract being printed.

ABRAMOVITZ, MOSES: <i>Discussion of Statistical Measurements and Economic Analysis*</i>	278
ALCHIAN, ARMEN: <i>An Airframe Production Function</i>	306
AMOROSO, LUIGI: <i>Théorie mathématique de l'équilibre économique, équations générales da la dynamique</i>	64
ANDERSON, RICHARD L.: <i>Mathematical Training of Undergraduates in Agricultural Economics</i>	204
ANDERSON, THEODORE W., JR.: <i>Model Building and Statistical Inference</i>	201
BACHET, NOËL: <i>Remarques sur une notion d'utilité générale et une définition de prix rationnels</i>	80
BAKER, J. G.: <i>The Universal Discount as a Means of Economic Stabilization</i>	298
BANCROFT, T. A.: <i>Bias Due to the Omission of Independent Variables in Ordinary Multiple Regression Analysis</i>	292
BARNETT, HAROLD J.: <i>Discussion of Economics and Technology: Production Functions</i>	308
BOITEUX, MARCEL: <i>Tarification au coût marginal des demandes périodiques</i>	74
BRATT, ELMER C.: <i>Discussion of Business Cycle Patterns</i>	304
BRONFENBRENNER, MARTIN: <i>Remarks on the Training of Social Scientists</i>	205
BROWNLEE, O. H., AND DONALD FORT: <i>Hog Slaughtering Production and Cost Functions</i>	306
BURGESS, ROBERT W.: <i>Discussion of Business Cycle Patterns*</i>	304
CHANG, T. C., AND J. J. POLAK: <i>An International Economic System*</i>	285
CHERNOFF, HERMAN: <i>Remarks on a Rational Selection of a Decision Function</i> ... 183	

CHIPMAN, JOHN S.: <i>The Multi-Part Multiplier*</i>	287
COHEN, A. C., JR.: <i>Estimating Parameters of Pearson Type III Populations from Truncated Samples</i>	293
COOPER, W. W.: <i>Discussion of Entrepreneurial Decisions and the Theory of the Firm</i>	272
DALY, J. F.: <i>Problems and Methods of Sampling for Economic Data</i>	185
DANTZIG, GEORGE B.: <i>The Application of Linear Programming Methods and the Simplex Technique to the Hitchcock-Koopmans Transportation Problem</i>	296
DAVIS, HAROLD T.: <i>Ancient Prices and Their Interpretation*</i>	298
DEHEM, ROGER: <i>Welfare Losses</i>	297
DORFMAN, ROBERT: <i>Production Scheduling for Monopolized Products</i>	296
DRESCH, FRANCIS: <i>Remarks on the Aggregation Problem</i>	283
DRESHER, MELVIN: <i>Methods of Solution in Game Theory</i>	179
DUESENBERRY, JAMES S.: <i>Discussion of Cross-Section Data and Problems of Aggregation*</i>	283
DVORETSKY, ARYEH: <i>Decision Functions</i>	181
ENKE, STEPHEN: <i>Discussion of Statistical Measurements and Economic Analysis</i>	277
EVANS, GRIFFITH C.: <i>Mathematics for Theoretical Economists</i>	202
FELLNER, WILLIAM: <i>Discussion of Equilibrium Theory and the Demand for Money*</i>	275
FIREY, WALTER: <i>A Model of Output Restriction in the Labor Market</i>	269
FORT, DONALD, see BROWNLEE.....	306
FOSSATI, ERALDO: <i>Vilfredo Pareto vu par le profil Keynésien</i>	76
FRISCH, RAGNAR: <i>Decision Models</i>	76
GEORGESCU-ROEGEN, NICHOLAS: <i>Leontief's System in the Light of Recent Developments*</i>	294
GOODWIN, RICHARD: <i>A Matrix Multiplier</i>	286
GRIFFIN, FRANK L.: <i>The Mathematical Training of Social Scientists</i>	194
GROSSE, ANNE P.: <i>Textile Production Functions, Equipment Requirements, and Technological Change</i>	305
GUILBAUD, GEORGES TH.: <i>Quelques applications à l'économie de la théorie mathématique des réseaux</i>	73
GULLIKSEN, HAROLD: <i>Mathematical Training Necessary for the Research Worker in the Social Sciences</i>	197
GUMBEL, E. J.: <i>The Cyclical Normal Distribution</i>	293
GUMBEL, E. J., AND S. B. LITTAUER: <i>Application of the Theory of Extreme Values to Economic Problems</i>	292
HABERLER, GOTTFRIED: <i>Discussion of Problems in the Theory of International Trade*</i>	286
HAGEN, EVERETT E.: <i>Discussion of Analysis of the Multi-Part Economy</i>	287
HARBERGER, ARNOLD C.: <i>Index Number Problems in Measuring the Elasticity of Demand for Imports</i>	275
HARTOG, J. A.: <i>The Influence of Devaluation on the Domestic Price- and Wage-Levels</i>	72
HENDERSON, JOHN S.: <i>Production with Limitational Goods</i>	299
HENON, ROBERT: <i>Répartition rationnelle des stocks de marchandises dans un réseau de distribution</i>	84
HICKMAN, W. BRADDOCK: <i>The Determinacy of Absolute Prices in Classical Economic Theory*</i>	272
HILDRETH, CLIFFORD: <i>Use of Survey Data in Econometric Studies</i>	186

HOCHWALD, WERNER: <i>Measurement of Regional Income Flows</i>	288
HOOD, WILLIAM C.: <i>Discussion of Analysis of the Multi-Part Economy</i>	287
HOTELING, HAROLD: <i>Needed Steps in the Mathematical Training of Social Scientists</i>	198
HULTGREN, THOR: <i>Discussion of Business Cycle Patterns</i>	303
HURWICZ, LEONID: <i>A Theory of Stabilizing Business Fluctuations</i>	278
HUTTER, ROGER: <i>Le coût marginal</i>	79
JAFFÉ, WILLIAM: <i>Suggested First Steps in Mathematical Economics</i>	199
JEMING, JOSEPH B.: <i>Application of Sequential Sampling Method to Check the Accuracy of a Perpetual Inventory Record*</i>	291
JONES, HOWARD L.: <i>Simple Regression Analysis with Autocorrelated Disturbances</i>	291
KATONA, GEORGE: <i>Financial Surveys Among Consumers—Their Purposes and Methods</i>	188
KAYSEN, CARL: <i>Cyclical Price Flexibility in Steel</i>	302
KISSELGOFF, AVRAM: <i>Discussion of Cross-Section Data and Problems of Aggregation*</i>	283
KLAHR, CARL N.: <i>Discussion of Economics and Technology: Production Functions</i>	303
KLEIN, LAWRENCE, R.: <i>The Integration of Cross-Section and Time-Series Data</i>	280
KOOPMANS, TJALLING C.: <i>Efficient Allocation of Resources*</i>	294
———: <i>Utility Analysis of Decisions Affecting Future Well-Being</i>	174
KUZNETS, GEORGE M.: <i>Suggested Mathematical Curricula</i>	196
LAURSEN, SVEND, AND LLOYD METZLER: <i>Flexible Exchange Rates and the Theory of Employment*</i>	286
LEBONTIEF, WASSILY W.: <i>The Consistency of the Classical Theory of Money and Prices*</i>	272
———: <i>Discussion of Linear Models of Production and Allocation*</i>	294
LINDHOLM, RICHARD, AND VICTOR E. SMITH: <i>Differential Effects of Taxation in the Trucking Industry</i>	295
LITTAUER, S. B., see GUMBEL.....	292
LONG, CLARENCE D.: <i>Measuring the Supply of Labor</i>	267
MCGANN, PAUL W.: <i>Inventory Theory of the Firm</i>	270
———: <i>The Stationary Theory of the Firm</i>	178
MACHLUK, FRITZ: <i>Discussion of Problems in the Theory of International Trade</i>	285
MCINTYRE, FRANCIS: <i>Index Number Problems in International Trade</i>	296
MARSCHAK, JACOB: <i>Optimal Investment of a Firm</i>	170
———: <i>The Rationale of Money Demand and of Money Illusion</i>	272
MARSHALL, ANDREW W.: <i>A Test of Klein's Model III for Changes of Structure</i> ... MAY, KENNETH: <i>Discussion of Economics and Technology: Production Functions</i>	291 307
METZLER, LLOYD, see LAURSEN.....	286
MIKESELL, RAYMOND F.: <i>Application of Statistically Derived Import Elasticities to Practical Problems of Foreign Trade Policy</i>	284
MORGAN, JAMES N.: <i>Discussion of Cross-Section Data and Problems of Aggregation</i>	282
MORGAN, THEODORE: <i>Discussion of Equilibrium Theory and the Demand for Money</i>	274
MORGENSTERN, OSKAR: <i>Complementarity and Substitution in the Theory of Games</i>	279

MORGENSTERN, OSKAR, AND MAX A. WOODBURY: <i>Stability of Inverses of Input-Output Matrices</i>	190
MORRIS, WILLIAM S.: <i>The Structure of Interest Rates</i>	299
MORRISON, NATHAN: <i>Recent Patterns of Employment and Unemployment</i>	301
MUDGETT, BRUCE D.: <i>The Accuracy of Index Numbers</i>	289
NATAF, ANDRÉ, AND MICHAEL J. VERHULST: <i>La causalité dans le théorème du rendement social</i>	65
NEISER, HANS: <i>Discussion of Problems in the Theory of International Trade</i>	286
NORRIS, NILAN: <i>Methods of Measuring Absolute and Relative Variations in the Duration of Business Cycles</i>	301
NUTTER, G. WARREN: <i>The Measurement of Extent and Growth of Monopoly in the United States, 1899-1937</i>	276
OLSON, ERNEST C.: <i>Discussion of Economics and Technology: Production Functions</i>	308
ORCUTT, GUY: <i>Measurement of Price Elasticities in International Trade</i>	284
PHIPPS, CECIL G.: <i>Inconsistency of Assumptions in Patinkin's Model*</i>	272
POLAK, JACQUES J.: <i>An International Economic System</i>	70
—, see CHANG.....	285
PREINREICH, GABRIEL A. D.: <i>The Mathematical Theory of the Firm</i>	269
RAUTENSTRAUCH, WALTER: <i>Engineering Production Functions*</i>	305
ROCHER, JEAN: <i>La théorie marginaliste et l'organisation scientifique du travail</i> ..	83
ROOSE, KENNETH D.: <i>The Relationship of Consumption Expenditures to the Recessions of 1937-1938</i>	277
ROSA, ROBERT V.: <i>Discussion of Analysis of the Multi-Part Economy</i> *.....	289
ROSENBLATT, DAVID: <i>Discussion of Equilibrium Theory and the Demand for Money</i>	274
ROY, RENE: <i>Les indices de rationalisation</i>	86
SAVAGE, LEONARD J.: <i>The Role of Personal Probability in Statistics</i>	183
SCHUMPETER, JOSEPH A.: <i>Discussion of Equilibrium Theory and the Demand for Money*</i>	275
SHEPARD, RONALD W.: <i>The Producer's Cost Function</i>	177
SIMPSON, PAUL B.: <i>Risk Allowances for Price Expectations*</i>	179
SMITH, VICTOR E., see LINDHOLM.....	295
SOBEL, MILTON: <i>Complete Classes of Decision Functions for Some Standard Sequential and Nonsequential Problems</i>	184
SOMMER, LOUISE: <i>An Index Measuring the Degree of Reciprocity in International Trade Relations</i>	300
STAEBLE, HANS: <i>Quelques observations sur la complexité et la simplicité dans la recherche économétrique</i>	77
STIGLER, GEORGE J.: <i>Discussion of Linear Models of Production and Allocation*</i>	294
STOLTZ, MERTON P.: <i>Discussion of Entrepreneurial Decisions and the Theory of the Firm*</i>	272
SWANSON, ERNST W.: <i>Analysis of Firm Behavior</i>	271
SZATROWSKI, ZENON: <i>Discussion of Business Cycle Patterns</i>	303
TINTNER, GERHARD: <i>An Econometric Investigation of the British Labor Market</i> ..	268
TUCKER, A. W.: <i>Linear Programming and the Theory of Games</i>	189
ULMER, MELVILLE J.: <i>The Consumption Function and the Theory of Aggregation</i>	281
VAN DONGEN TORMAN, D. H.: <i>The Cobb-Douglas Production Function: Interpretation of the Statistical Results</i>	86

VERHULST, MICHAEL J.: <i>La notion de surface de coût dans l'étude du comportement dynamique des entreprises.....</i>	81
———: <i>The Producer's Cost Function in Comparative Statics: Application to Some Basic Industries.....</i>	297
———, see NATAF.....	65
VINCI, FELICE: <i>Généralisation de l'inégalité de Bienaymé et ses applications économiques.....</i>	67
VINING, RUTLEDGE: <i>Discussion of Analysis of the Multi-Part Economy*.....</i>	289
WALD, ABRAHAM: <i>Some Recent Results in the Theory of Statistical Decision Functions.....</i>	182
WARBURTON, CLARK: <i>Discussion of Business Cycle Patterns.....</i>	304
WOOD, MARSHALL K.: <i>Discussion of Linear Models of Production and Allocation.....</i>	294
WOODYBURG, MAX A., see MORGESTERN.....	190
WRIGHT, C. ASHLEY: <i>Distribution of Turning Points of Time Series*.....</i>	302

MEETINGS

Colmar, 12-14 Septembre 1949, Compte-Rendu.....	64
Boulder, August 29-September 2, 1949, Report.....	173
Boulder Symposium, The Mathematical Training of Social Scientists, Report.....	193
New York, December 27-30, 1949, Report.....	264
Meetings of the Society in 1950.....	100
Tokyo, July 7-10, 1950, Notice.....	310
Berkeley, August 1-5, 1950, Announcements.....	100, 206, 310
Harvard, August 31-September 5, 1950, Announcements.....	206, 310
Varese, September 6-8, 1950, Announcements.....	207, 311
Chicago, December 27-30, 1950, Announcements.....	207, 311, 390

MISCELLANEOUS

CARE Book Program.....	208
Consultation Activities with the United Nations.....	88
Criticism Invited.....	101
Current Activities in Econometrics.....	390
Editor's Note.....	101
Election of Fellows, 1949.....	93
Errata.....	312
Fellows of the Econometric Society, January, 1950.....	98
Geographical List of Members and Subscribers.....	447
List of Members of the Econometric Society.....	395
Notice of Change in Dues and Subscription Rates.....	92
Obituary.....	446
Proposed Election of Fellows.....	97
Report of the Council for 1949.....	89
Statistics on Members and Subscribers.....	392
Treasurer's Report.....	90

